INTERNATIONAL SEARCH REPORT

PCT/GB2004/001446

A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C12N9/16 G06F17/50		
According t	o International Patent Classification (IPC) or to both national classific	ation and IPC	
	SEARCHED		
Minimum de IPC 7	ocumentation searched (classification system followed by classification C12N G06F		
	tion searched other than minimum documentation to the extent that a		rched
	late base consulted during the international search (name of data be	use and, where practical, search terms used)	
EPO-IN	ternal, BIOSIS, EMBASE, WPI Data		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the re-	levant passages	Relevant to daim No.
A	DENU ET AL: "Specific and reversinactivation of protein tyrosine phosphatases by hydrogen peroxide Evidence for a sulfenic acid into and implications for redox regulations for 1998, pages 5633-5642, XP002247280 * See pages 5633-34 (Introduction Cys-SOH intermediate) *	e: ermediate ation"	1-8,11, 13-46, 84-94
X Fur	ther documents are listed in the continuation of box C.	Patent family members are listed in	annex.
*Special categories of cited documents: "A' document defining the general state of the art which is not considered to be of particular relevance "E' earlier document but published on or after the international filing date "L' document which may throw doubts on priority claim(e) or which is cited to establish the publication date of another citation or other special reason (as apecified) "O' document reterring to an oral disclosure, use, exhibition or other means "P' document published prior to the International filing date but later than the priority date claimed Date of the actual completion of the international search 29 September 2004 "T' later document published after the international filing date of or priority date and not in conflict with the application but called to understand the principle or fleory underlying the claim of princ		he application but ony underlying the simed invention ne considered to unment is taken alone simed trivention aritive stop when the e other such docu- s to a person skilled	
 	mailing address of the ISA	Authorized officer	
	European Patient Office, P.B. 5616 Patientiaan 2 Na 2280 HV Rijswijk Tat. (-31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Korsner, S-E	

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Box	No.	No.	ucleotide and/or amino acid sequence(s) (Continuation of Item 1.b of the first sheet)	
1.	With	n regard ention, th	to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed se international search was carried out on the basis of:	
i	a. type of material			
		X	a sequence listing	
			table(s) related to the sequence listing	
	b.	format	of material	
		X	in written format	
		X	in computer readable form	
	C.	time of	f filing/furnishing	
		X	contained in the international application as filed	
			filed together with the international application in computer readable form	
		X	furnished subsequently to this Authority for the purpose of search	
2.	X	or fu	ddition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed irrished, the required statements that the information in the subsequent or additional copies is identical to that in the lication as filed or does not go beyond the application as filed, as appropriate, were furnished.	
3.	Add	itional o	omments:	
			·	
			·	

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Box II Observations where certain claims were found unsearchable (C ntinuati n of item 2 of first sheet)				
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: see FURTHER INFORMATION sheet PCT/ISA/210				
Claims Nos.: 9-10,12,47-83 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210				
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box III Observations where unity of Invention is lacking (Continuation of Item 3 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows:				
1. As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.				
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although Claims 13-22, 44-46, 82-83 are (at least implicitly) directed to a method of treatment, the search has been carried out and based on the alleged effects of the compounds.

Continuation of Box II.2

Claims Nos.: 9-10,12,47-83

Claims 9-10,12,47-83 relate to compounds defined by reference to a desirable property.

The Application does not provide technical support for a single inhibitor - but only lists a large number of possible structures.

The statement in Claim 47 ("A novel compound per se...") is irrelevant and also disregards the fact that any compounds must be inventive too. Similarly, the reference to a certain structure (3D) is by no means a sufficient disclosure of useful compounds.

These claims are therefore considered as desiderata and no search has been made. Nonetheless, two L-documents have been included for information.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.